

DC Rotating Beacon

Part No.: RB1215D



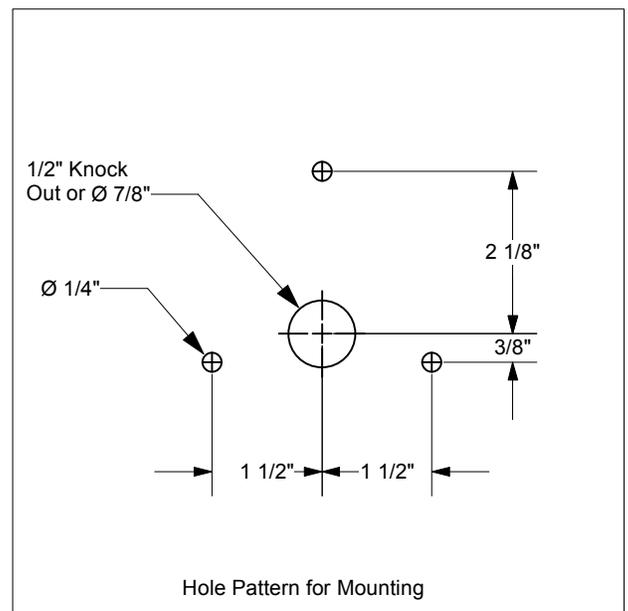
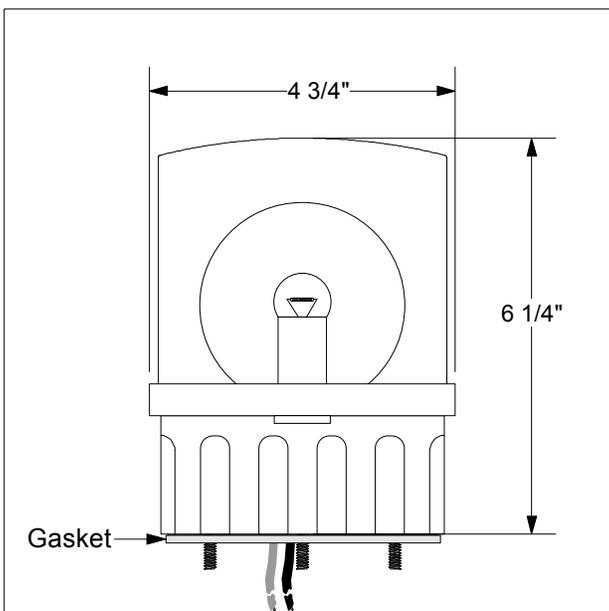
The Ingram RB1215 is a NEMA Type 3, 3R, 12 and 13 low cost rotating beacon suitable for heavy duty applications inside and outdoors. Applications include, but are not limited to, use on vehicles, machines, and control panels. This rotating beacon is particularly useful in areas with high ambient noise levels where an audible signal may not be heard.

Features

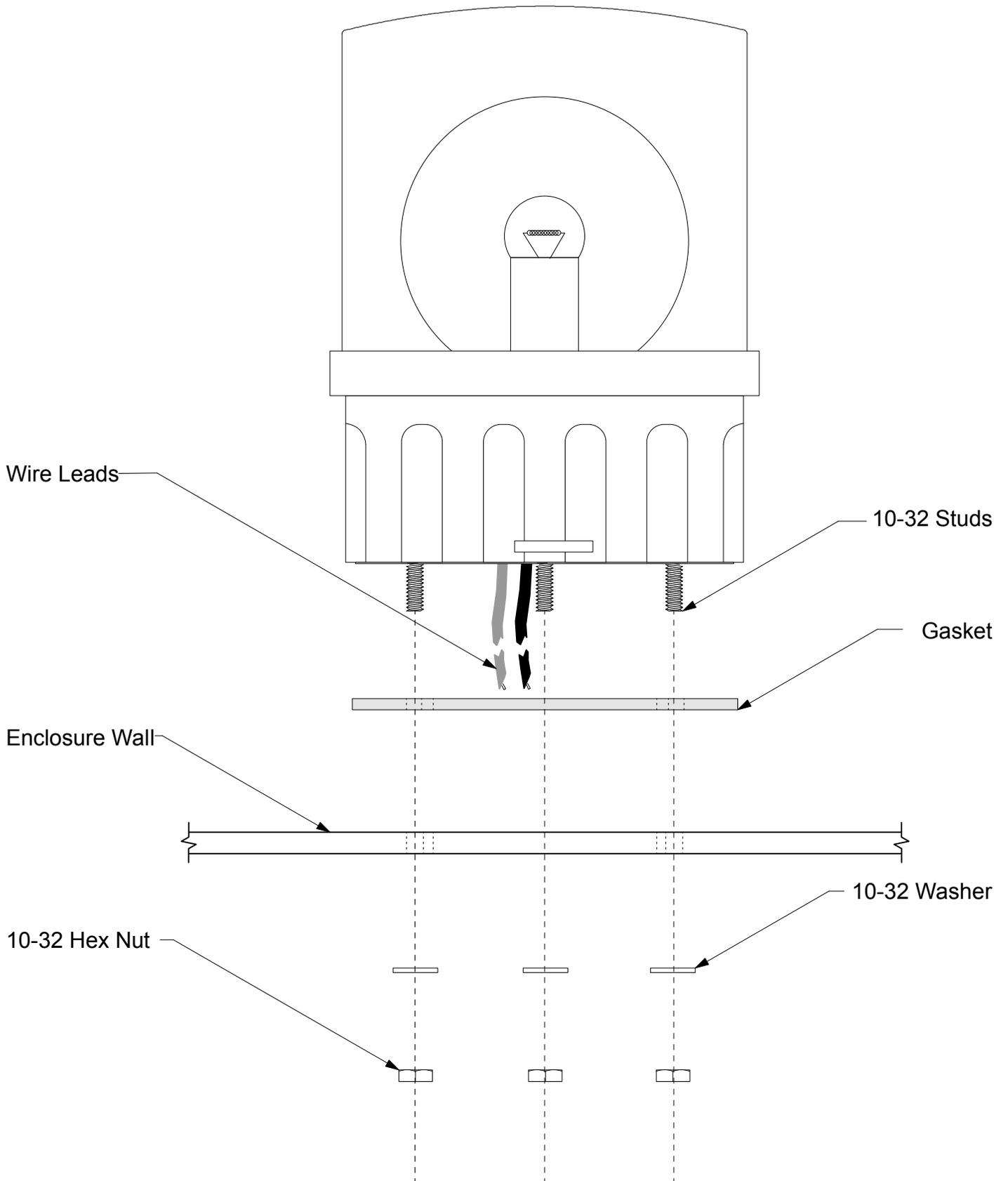
- NEMA Type 3, 3R, 12, and 13
- Variable speed motor for rotation
- Gasketed
- Stainless steel ring
- Globe molded from shatter resistant polycarbonate
- Available in 3 colors (red, amber, and green)

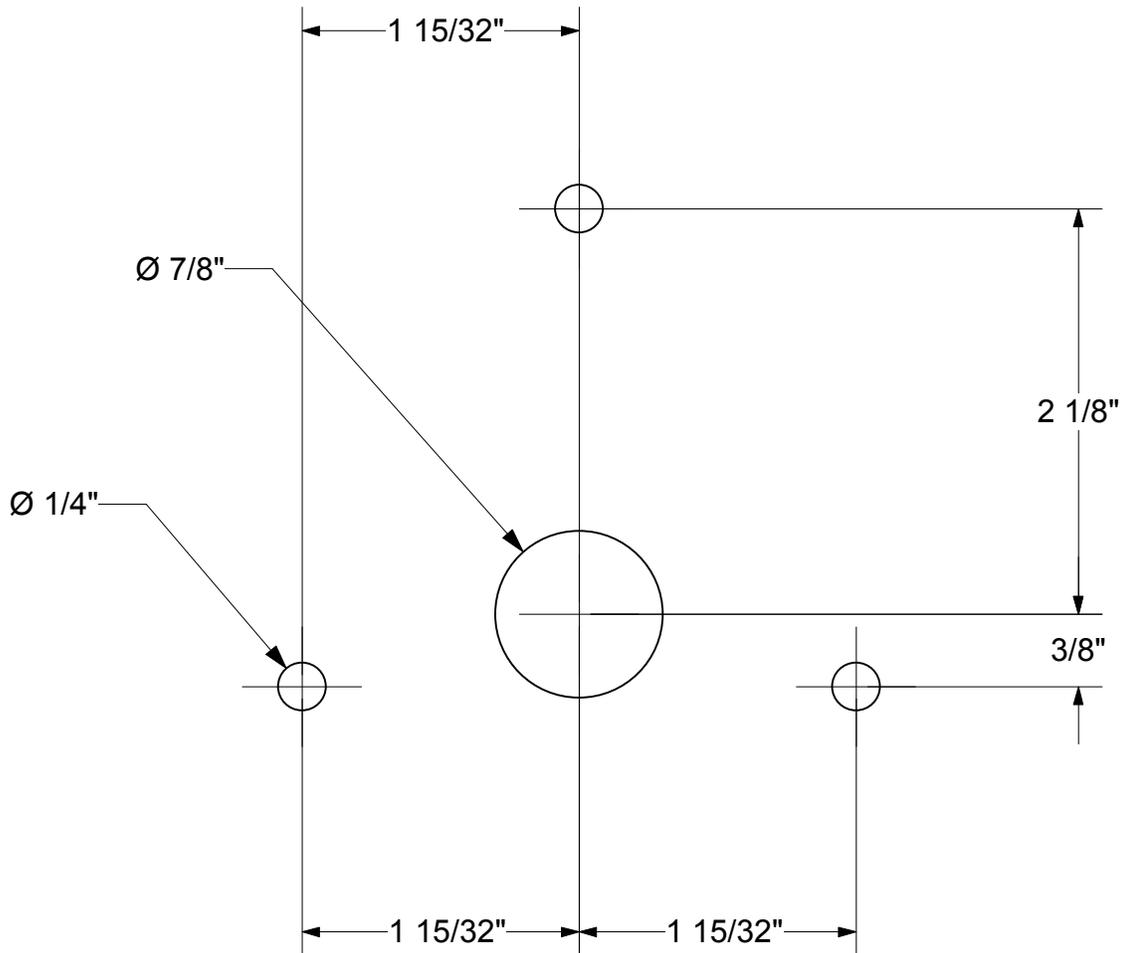
Technical Specifications

- Voltage: 12VDC
- Current Draw: 1.26A max
- Bulb: 15 Watts Max



RB1215D Assembly





Template for Mounting RB1215

Drawn Full Size



Description: Template for RB1215

Date: 02/08/05

Drawn by: ADI

Part No. NA

Drawing No. RBT001

Rev. No. 0

Sheet: 1 of 1

RB1215D

OPERATING MANUAL

Bulb Revolving Warning Light

Thank you for purchasing X[®] product.
Please read this manual carefully before installing this system for safe and long use of the product.

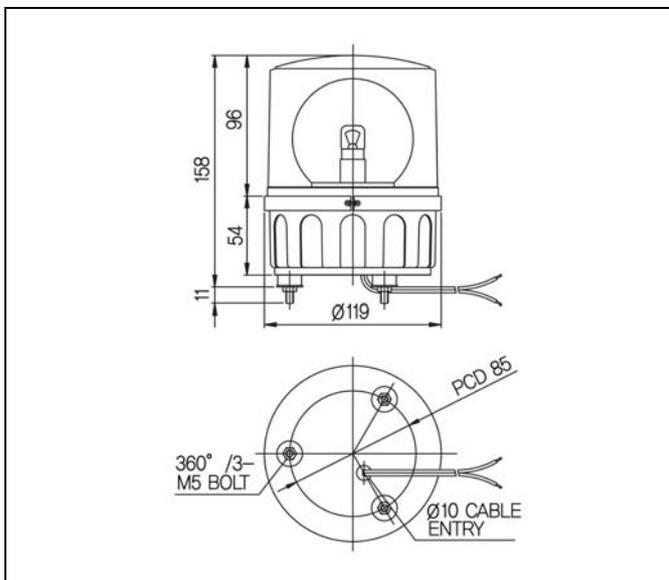
1 Product Feature

- Ensuring high revolving durability by applying a small bearing to the revolving axis.
- High efficiency in diffusing light by employing vacuum-metalized reflector.
- Volume(Buzzer Built-in Type) : 90dB(1m)
- RPM : 120-140/Min.(Controllable)
- Material : Lens-PC, Body-PC, Reflector-PC
- Protection Class : IP23
- Certification : UL Class 2

2 Specification

Model	Rated Voltage	Current	Bulb			Weight	Color
RB1215D	DC12V	1.170A	12V15W	G23 15S	17	0.41Kg	Red-R Amber-A Green-G Blue-B

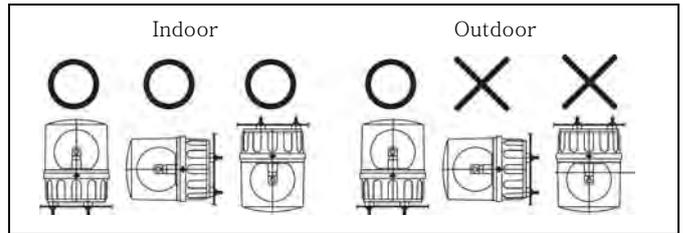
3 External View Drawing



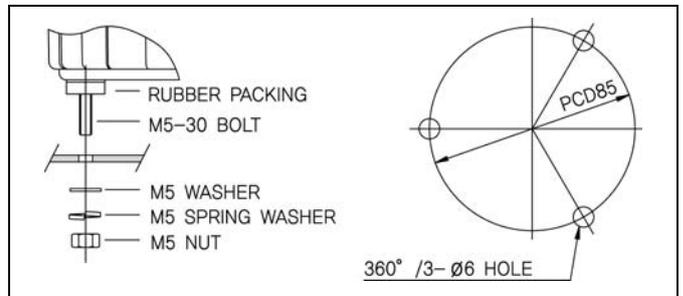
4 Wiring Instruction

- Power line UL1015-NO.16 (1.25sq) x 2C 400mm comes out from the product.
- Black line is negative(-) *This product is for DC12V only.

5 Mounting



- This product was manufactured with the structure for indoor use. Installing in any direction is okay for indoor use.
- Outdoor use is limited at a place where no water or very little water percolates. Mounting also should be done only with vertical standing shape.
- Mount at the place where exists low vibration, low impact, low moisture and low dust as long as possible.
- Refer to below information and drill necessary mounting holes on profitable part of the product.
(Make sure PCD from external view drawing.)
- Fix the product by using nuts(M5-3EA) originally equipped on mounting bolt on bottom of the product.



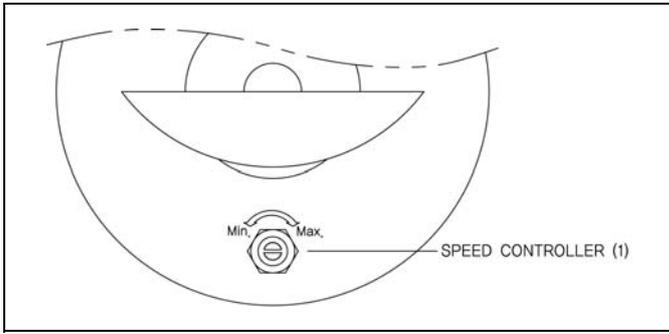
6 Revolving Speed Control & Bulb Change

1) Lens Removal

Separate Lens^② and joining ring^③ by loosening bolts and nuts(M5-3EA)^① and make sure revolving speed control volume and bulb on assembling board.

2) Revolving Speed Control

- The volume(1) for revolving speed control is built-in this product. Turn it clockwise for increasing revolving speed and turn it counterclockwise for decreasing revolving speed.
- Treating with strong power can break the volume. Please be careful.

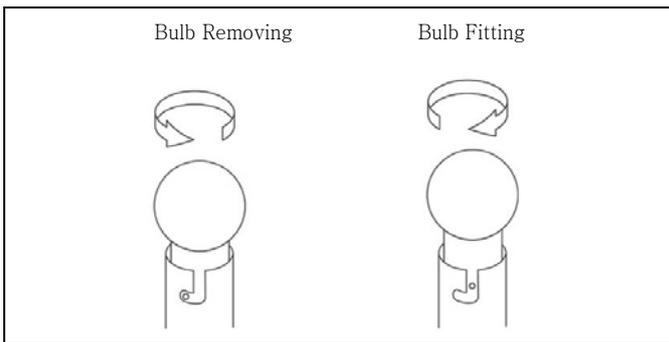


3) Bulb Change

※ **Warning !** Turn off Power

Must turn off power supply and change the bulb after at least 1 minute.

- Make sure the rated voltage and wattage of new bulb. If the voltage of new bulb is higher than that of original bulb, the self-life of product can be reduced and can cause damage on lens and reflector. Therefore, please use same bulb as original one which has same rated voltage and wattage or lower one.
- Bulb Removal : Press slightly the bulb downward and turn it counterclockwise for removing.
- Bulb Fitting : Fit new bulb into the socket by pressing it clockwise.



4) Lens Assembling

Assemble the lens in reverse order of separating.

7 Caution

- If using voltage is seriously higher or lower than rated voltage, it can reduce the self-life of the product or can cause a problem on product operating. Make sure the using voltage does not exceed +/- 5% of the rated voltage.
- If lens or body of the product is contaminated by chemicals such as thinner, benzene, the product can be damaged, discolored or deformed. Please be careful.
- Do not give strong impact to the product. It can be a reason of wire disconnection or short circuit.
- Do not strongly pull the wire out from the product. It can cause a disorder.

8 Troubleshooting

Situation	Main Cause	Solution
Non-Lighting	Wire Disconnection with Bulb	Wire Re-connection or Bulb Change
Feeble Lighting Low Revolving Speed	Supplying Voltage Lower than Rated Voltage	Making Sure Using Voltage
Short Self-Life of Bulb	Supplying Voltage Higher than Rated Voltage	Making Sure Using Voltage
Lens Deformation Caused by Bulb Overheating (AC Type)	The Voltage of Bulb is Higher than Rated Voltage	Changing Bulb with Rated Voltage
Non Revolving	Problem with Motor	Contact Q.Light or Their Agent
Neither Lighting Nor Revolving	Wrong Wiring	Making Sure Wiring
	No Power Supply	Making Sure Power Supply